Form G-2 (Rev. 7/03)
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KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST SIP TEST (See Instructions on Reverse Side) Type Test: Open Flow Test Date: API No. 15 Deliverabilty 175-21893-890 D 9/5/12 Well Number Company Lease **KEATING** NOBLE ENERGY 2-14 TWP RNG (E/W) Acres Attributed County Location Section **SEWARD** S/2 SW SW 14 34S 31W Field Reservoir Gas Gathering Connection CHESTER/MORROW DCP Completion Date Plug Back Total Depth Packer Set at 12-9-03 5998 NONE Casing Size Weight Internal Diameter Perforations Set at 5.5 15.5 4.950 6040 5692 5935 Weight Tubing Size Internal Diameter Set at Perforations To 2.375 4.7 1.995 5970 Type Completion (Describe) Type Fluid Production Pump Unit or Traveling Plunger? Yes / No COMINGLED WATER/OIL YES - PLUNGER Gas Gravity - G Producing Thru (Annulus / Tubing) % Carbon Dioxide % Nitrogen **TUBING** 0.662 Vertical Depth(H) (Meter Run) (Prover) Size Pressure Taps 5814 **FLANGE** 3.068" 9/4/12 0915 0915 9/5/12 (AM) (PM) Taken (AM) (PM) Pressure Buildup: Shut in Well on Line: Started _ 20 ___ at __ __ (AM) (PM) Taken. 20 ___ at ____ 24.0 **OBSERVED SURFACE DATA** Duration of Shut-in Hours Circle one Pressure Casing Tubing Orifice Well Head Static / Flowing Meter Wellhead Pressure Duration Liquid Produced Differential Wellhead Pressure Dynamic Size Temperature Temperature Prover Pressure (P_w) or (P_c) or (P_c) (Hours) (Barrels) (P_w) or (P_i) or (P_c) in (inches) Property psig (Pm) Inches H₋0 psia psig psia psig Shut-In 328.8 271.5 285.9 24.0 314.4 Flow FLOW STREAM ATTRIBUTES Circle one Flowing Flowing Plate Press Gravity GOR Deviation Metered Flow Meter or Temperature Fluid Coefficcient Extension (Cubic Feet/ Factor Factor Prover Pressure Gravity $(F_b)(F_p)$ Factor ✓ P_xh F. (Mcfd) Barrel) F,, Mold osia G_ (OPEN FLOW) (DELIVERABILITY) CALCULATIONS $(P_A)^2 = 0.207$ (P_)2 = $(P_c \cdot 14.4) + 14.4 =$ $(P_d)^2 =$ $(P_{c})^{2} =$ Choose formula 1 or 2 Backpressure Curve Qoen Flow LOG of $(P_{*})^{2} - (P_{*})^{2}$ $(P_a)^2 - (P_w)^2$ 1. P.2. P.2 Slope = "n" n x LOG Deliverability formula 1. or 2. Antilog ---- or---2. P.2. P.2 Equals R x Antilog $(P_a)^2 - (P_a)^2$ Assigned and divide P,2.P,2 (Mcfd) divided by: P.2 - P.2 Open Flow Mcfd @ 14.65 psia Deliverability Mcfd @ 14.65 psia The undersigned authority, on behalf of the Company, states that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct. Executed this the 5 day of SEPTEMBER 20 12 COPY TO KCC WICHITA PRECISION WIRELINE AND TESTING Witness (if any)

MARK_BROCK

COPY TO KCC DODGE CITY

I declare under penalty of perjury under the laws of the state of Kansas that I am authorized to request exempt status under Rule K.A.R. 82-3-304 on behalf of the operator NOBLE ENERGY
and that the foregoing pressure information and statements contained on this application form are true and correct to the best of my knowledge and belief based upon available production summaries and lease records of equipment installation and/or upon type of completion or upon use being made of the gas well herein named. I hereby request a one-year exemption from open flow testing for the KEATING 2-14 gas well on the grounds that said well:
is a coalbed methane producer is cycled on plunger lift due to water is a source of natural gas for injection into an oil reservoir undergoing ER is on vacuum at the present time; KCC approval Docket No is not capable of producing at a daily rate in excess of 250 mcf/D I further agree to supply to the best of my ability any and all supporting documents deemed by Commission staff as necessary to corroborate this claim for exemption from testing.
Signature: Legylatory Analyst

Instructions:

If a gas well meets one of the eligibility criteria set out in KCC regulation K.A.R. 82-3-304, the operator may complete the statement provided above in order to claim exempt status for the gas well.

At some point during the current calendar year, wellhead shut-in pressure shall have been measured after a minimum of 24 hours shut-in/buildup time and shall be reported on the front side of this form under **OBSERVED SURFACE DATA**. Shut-in pressure shall thereafter be reported yearly in the same manner for so long as the gas well continues to meet the eligibility criterion or until the claim of eligibility for exemption **IS** denied.

The G-2 form conveying the newest shut-in pressure reading shall be filed with the Wichita office no later than December 31 of the year for which it's intended to acquire exempt status for the subject well. The form must be signed and dated on the front side as though it was a verified report of annual test results.